

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 0    | (raman adj spectrograph).clm. and @pd>"20050930"                              | US-PGPUB  | OR               | OFF     | 2006/02/17 07:53 |
| L2    | 67   | 257/57-59,61,62,66,67,70,72.ccls. and (grain\$1) and @pd>"20050930"           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2006/02/17 07:54 |
| L3    | 182  | 257/61,62,66,67,70,72.ccls. and @pd>"20050930"                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2006/02/17 07:56 |
| L4    | 76   | 257/61,62,66,67,70,72.ccls. and (distorted grain hydrogen) and @pd>"20050930" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2006/02/17 07:56 |
| L5    | 1    | silicon same (raman adj spectrograph) and @pd>"20050930"                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2006/02/17 07:58 |
| S1    | 5    | ((("6607947") or ("5523240") or ("5313075"))).PN.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/11/10 10:33 |
| S2    | 63   | Raman adj spectrograph  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2004/08/19 15:03 |
| S3    | 2157 | 257/57-59.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2005/08/29 17:25 |
| S4    | 734  | 257/57-58.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2004/08/19 15:07 |
| S5    | 740  | 257/57-59.ccls. and (distorted grain hydrogen)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2004/08/19 15:17 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S6  | 90   | 257/61,62.ccls. and (distorted grain hydrogen)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/08/19 15:17 |
| S7  | 1081 | 257/61,62,66,67,70,72.ccls. and (distorted grain hydrogen)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/29 17:28 |
| S8  | 3    | 257/61,62,66,67,70,72.ccls. and (spectrograph)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/29 17:34 |
| S9  | 5    | 257/57-59,61,62,66,67,70,72.ccls. and (spectrograph)                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/08/19 15:58 |
| S10 | 806  | 257/57-59,61,62,66,67,70,72.ccls. and (grain\$1)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/29 17:34 |
| S11 | 0    | (polysilicon poly-silicon (poly adj silicon)) same (raman adj spectrograph) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/08/19 16:35 |
| S12 | 7    | silicon same (raman adj spectrograph)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/17 07:57 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S20 | 137 | ((("4680609") or ("5105245") or ("3933530") or ("4027380") or ("4403239") or ("4451838") or ("4502204") or ("4746628") or ("5008218") or ("5060036") or ("5076666") or ("4851363") or ("4748131") or ("5233191") or ("4217194") or ("5288684") or ("4404735") or ("4585492") or ("4566913") or ("4599135") or ("5238705") or ("4915772") or ("5495353") or ("5514879") or ("4517733") or ("4849081") or ("5523240") or ("5045485") or ("4882295") or ("4968638") or ("5180690") or ("4693759") or ("4459739") or ("4582395") or ("4740829") or ("4330363") or ("4613382") or ("5313075") or ("4377421") or ("4561906") or ("4619034") or ("4651408") or ("4698486") or ("4814292") or ("4847211") or ("4882295") or ("4959700") or ("4698638") or ("4998152") or ("5061642") or ("5070379") or ("5141885") or ("5198379") or ("5208476") or ("5219786") or ("5278093") or ("5286658") or ("5329140") or ("5352291") or ("5420048") or ("5529937") or ("5530265") or ("5696011"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/10 10:02 |
| S25 | 10  | ((("5313075") or ("6607947") or ("6177302") or ("6566175") or ("5352291"))).PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/08/26 18:37 |
| S26 | 170 | 257/57-59.ccls. and<br>@pd>"20050401"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/08/29 17:25 |
| S27 | 105 | 257/61,62,66,67,70,72.ccls. and<br>(distorted grain hydrogen) and<br>@pd>"20050401"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/02/17 07:56 |
| S28 | 0   | 257/61,62,66,67,70,72.ccls. and<br>(spectrograph) and<br>@pd>"20050401"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/02/17 07:56 |

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|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S29 | 83 | 257/57-59,61,62,66,67,70,72.ccls.<br>and (grain\$1) and @pd>"20050401"                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/30 11:20 |
| S30 | 0  | silicon same (raman adj<br>spectrograph) and<br>@pd>"20050401"                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/29 17:38 |
| S31 | 5  | (raman adj spectrograph).clm.   | US-PGPUB  | OR | OFF | 2005/09/30 11:22 |
| S32 | 10 | ((("5313075") or ("6607947") or<br>("6177302") or ("6566175") or<br>("5352291"))).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/30 11:08 |
| S33 | 11 | 257/57-59,61,62,66,67,70,72.ccls.<br>and (grain\$1) and @pd>"20050829"                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/17 07:53 |
| S34 | 0  | (raman adj spectrograph).clm. and<br>@pd>"20050829"                                   | US-PGPUB  | OR | OFF | 2006/02/17 07:53 |

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